

Who we are: passionate innovators pushing the boundaries of what is possible. What we do: combine leading-edge engineering with innovative materials to create movement. What makes us proud: having our ultralight wheelchairs echo the love of life their users demonstrate each day.

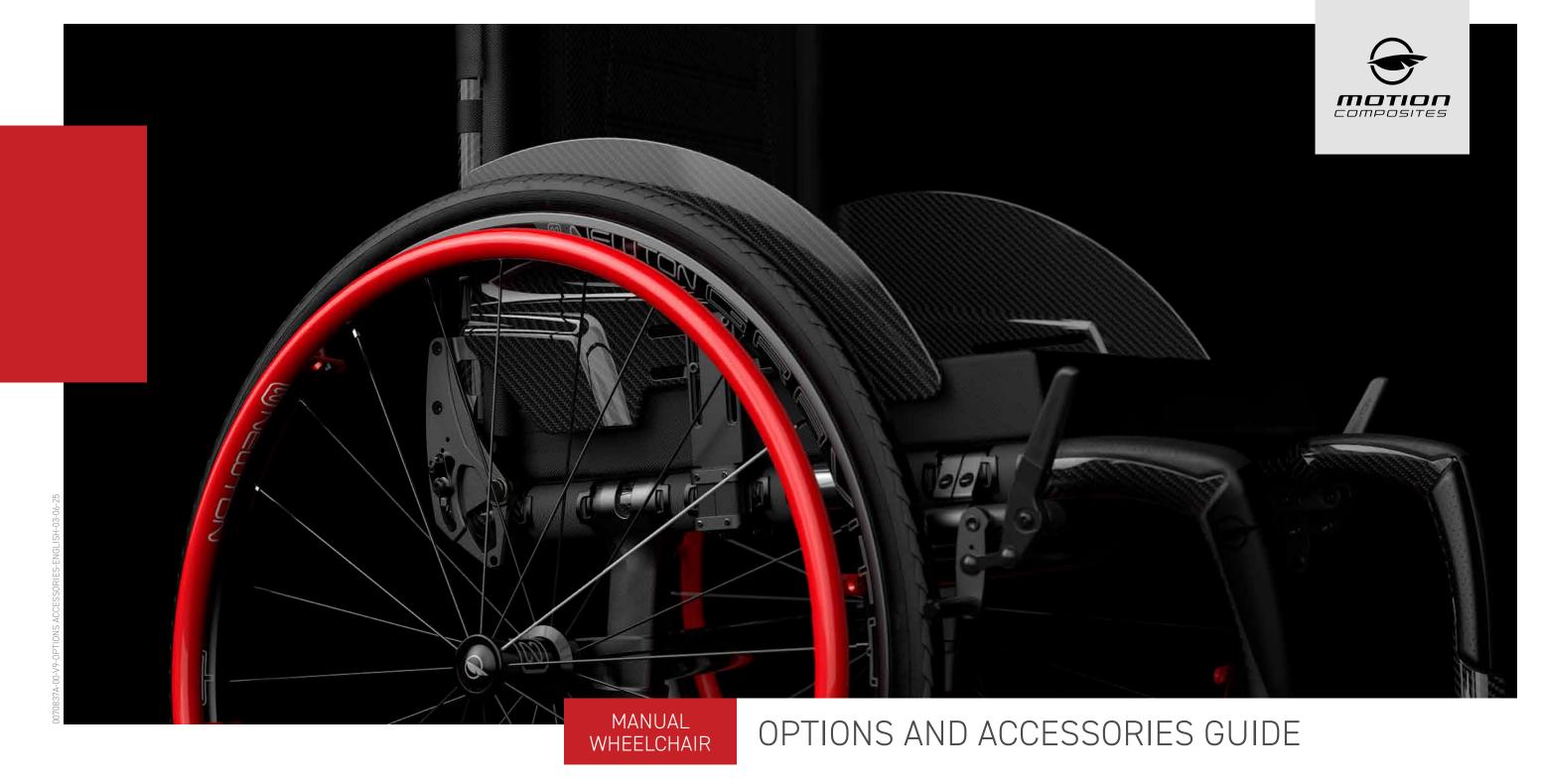
Through our unique approach and distinct attitude, our aim is to enhance lives, nourish a sense of freedom and revolutionize the way people see wheelchairs.

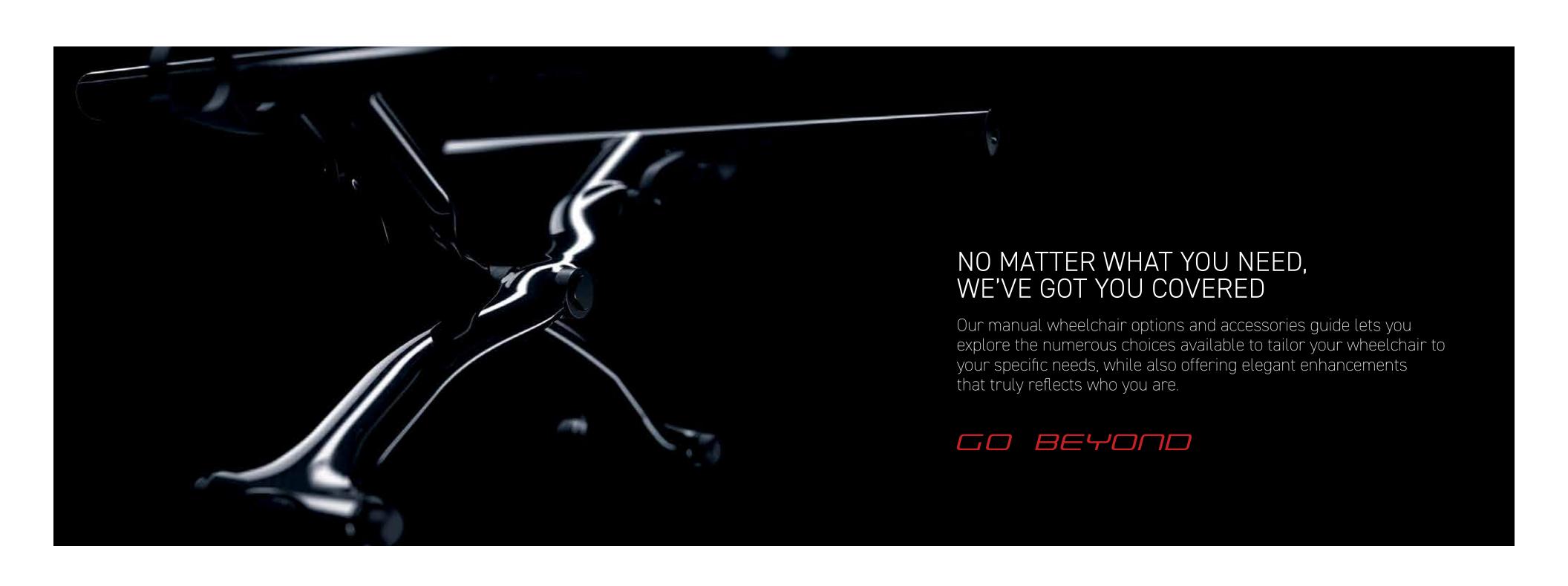
LEARN MORE To learn and find more information regarding our products, options and accessories, visit our website at **motioncomposites.com**



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CA01 →

Composite wheel w/PU tire (1" width)

CA01 (3") CA01 (4") CA01 (5") CA01 (6") CA01 (7") CA01 (8")

CA10 →

Pneumatic casters 6" x 11/4"

CA11 →

Pneumatic casters 8" x 1½"

CA10 (6") CA11 (8")



CA14 to CA16 →

Newton UltraCaster Soft-Roll composite 4", 5", 6" x 1½"



OPTION

CA13 →

Carbon fiber Frog Legs suspension forks – Phase 2



CA17 to CA19 →



CA17 (4")

CA18 (5")

FP12 ↑ Tubular open loop

RIGID WHEELCHAIR FOOTRESTS



® N∈WTON

FP13 ↑ Tubular with ABS footplate



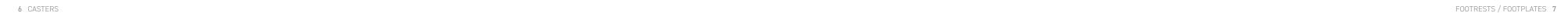
FP31 🛧 Adjustable angle – Aluminum (one piece)



FOOTRESTS/FOOTPLATES

Newton UltraCaster Soft-Roll aluminum 4", 5" 6" x 1½"

CA19 (6")





Flip back, adjustable angle - Carbon with rubber inserts (one piece) FP14 Flip back, adjustable angle – Aluminum (one piece)



High mount with adjustable angle footplate - Carbon fiber with rubber inserts (one piece)

FR25 High mount with adjustable angle footplate - Aluminum (one piece)

FOLDING WHEELCHAIR FOOTRESTS



FR03 to FR08, FR15 1 Swing-in/swing-out footrest FR01, FR02 Swing away footrest



FR27 to FR30 1 Residual limb support (flat cushion)



High mount (footplate attached to the hanger with clamps)





FR32, FR33 1 Residual limb support (contoured)



FR10 1 Elevating legrest with calf pad, 14"-22" length adjustable

FOOTPLATES



FP01 ↑ Standard - Composite



Newton adjustable angle – Aluminum



Newton adjustable angle - Composite



Newton adjustable angle -Carbon fiber with rubber inserts



Newton adjustable angle extra deep – Aluminum



FP06, FP07 1 One piece adjustable angle flip-up



Folded position



FP28, FP29 1 One piece auto-folding adjustable angle



Folded Position

FOOTREST/FOOTPLATE ACCESSORIES



FP16 ↑ 2" riser



FP08 1 Length adjustable heel loop



FP09 1 Calf strap



FP30 ↑ Bodypoint Aeromesh padded calf strap

BACK CANES

RIGID WHEELCHAIRS

FOLD DOWN BACKRESTS



BC20 ↑ Locking backrest



BC21 ↑
Ultralight non locking backrest
(not locking in upright or
down position)



BC56 ↑
Depth adjustable back
(provides 3" of depth adjustment)

FOLDING WHEELCHAIRS



BC09 ↑
Depth adjustable back
Not available in the US



BC15 ↑ Angle adjustable backrest option

For the complete back canes overview, please refer to the compatibility table on page 28.

BACK CANE OPTIONS

BACKREST OPTIONS



← BC57 Standard 3" deep rigidizer bar – Carbon

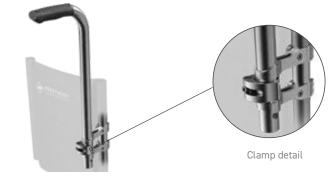


← BC57 Standard 3" deep rigidizer bar – Aluminum BC55 4" deep rigidizer bar – Aluminum

PUSH HANDLE OPTIONS



PH05 ↑
Fold down push handles



PH06 ↑ Clamp on height adjustable push handle

STROLLER HANDLE AND STABILIZER OPTIONS



← PH04

Stroller handle

Not available with the HD option

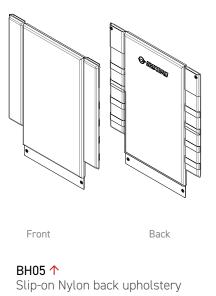


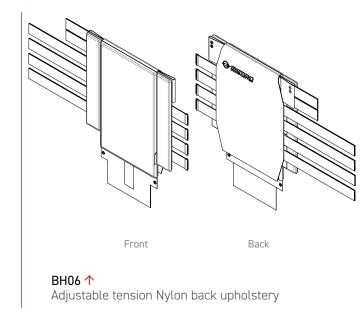
Folded position

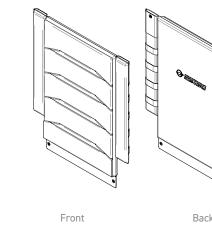
Newton folding stabilizer bar

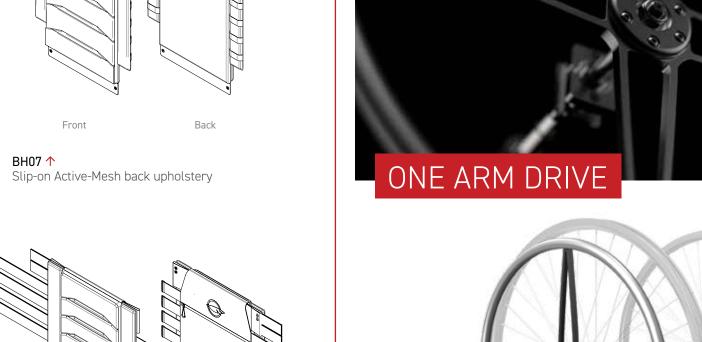
10 BACK CANES

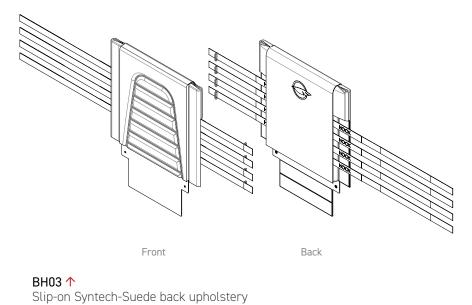


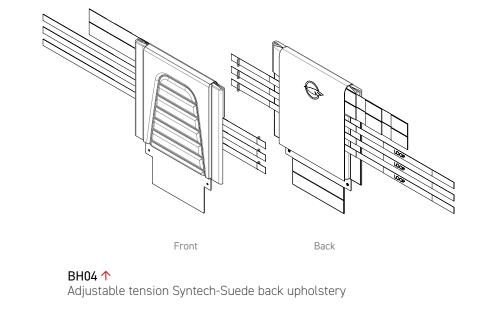


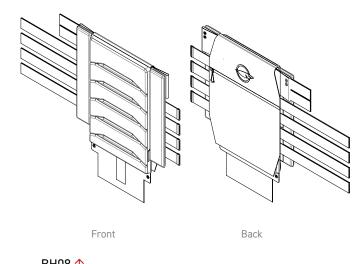








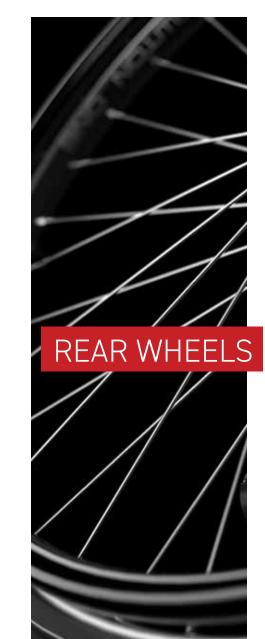




BH08 ↑ Adjustable tension Active-Mesh back upholstery

HR22 ↑ One arm drive 24"

12 BACK UPHOLSTERY ONE ARM DRIVE 13







 RW03 ↑ Newton Gravity – Ultralight wheel



Spinergy LX*



RW07 ↑ Spinergy CLX Carbon Blade*



TI01 ↑ Soft Urethane 1³/₈"

Low Tread, black



TI02 ↑ Soft Urethane 1³/₈"

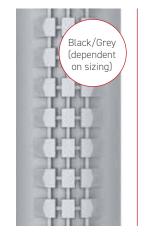
Medium Tread,



TI04 ↑

Soft Urethane 1"

No tread, black -



TI08 Pneumatic with

Airless insert 13/8"

Medium Tread



TI06 ↑ Pneumatic HP 1"

Low Tread,



Medium Tread,



14 REAR WHEELS

Spinergy Spox*

black Shox Puncture resistant, Puncture resistant, black TI05 ↑ * Different colors are available for the Spinergy rear wheels. black - SpeedLite black - TrailBlazer Pneumatic 1³/₈" Medium Tread

TIRES 15

Large Tread,



Newton Air Grip: Black, Sunkissed Orange, Burgundy, Sapphire Blue, Monster Green, Charcoal, Fuchsia, Steel Blue, Ferrari Red, Acid Green, Electric Purple, Caribbean Blue, White, Pink Pearl, Plum Purple, Sky Blue, Black Cherry, Khaki Green, Desert Sand





HR01 ↑ Aluminum anodized



HR61 ↑ Black aluminum hard anodized



HR02 ↑ Plastic coated



HR03 ↑ High friction coated



HR05 ↑ Surge LT HR28 Surge



Natural Fit (shown with optional thumb standard grip (HR23))



HR62 ↑ SIMI H - 1 3/8" oval handrim with high friction strip



HR63 ↑ NOVA H - 1 1/4" oval handrim with high friction strip



HR64 ↑ OPTIMUM H - 1 1/8" heartshaped handrim

HANDRIMS 17 16 HANDRIMS







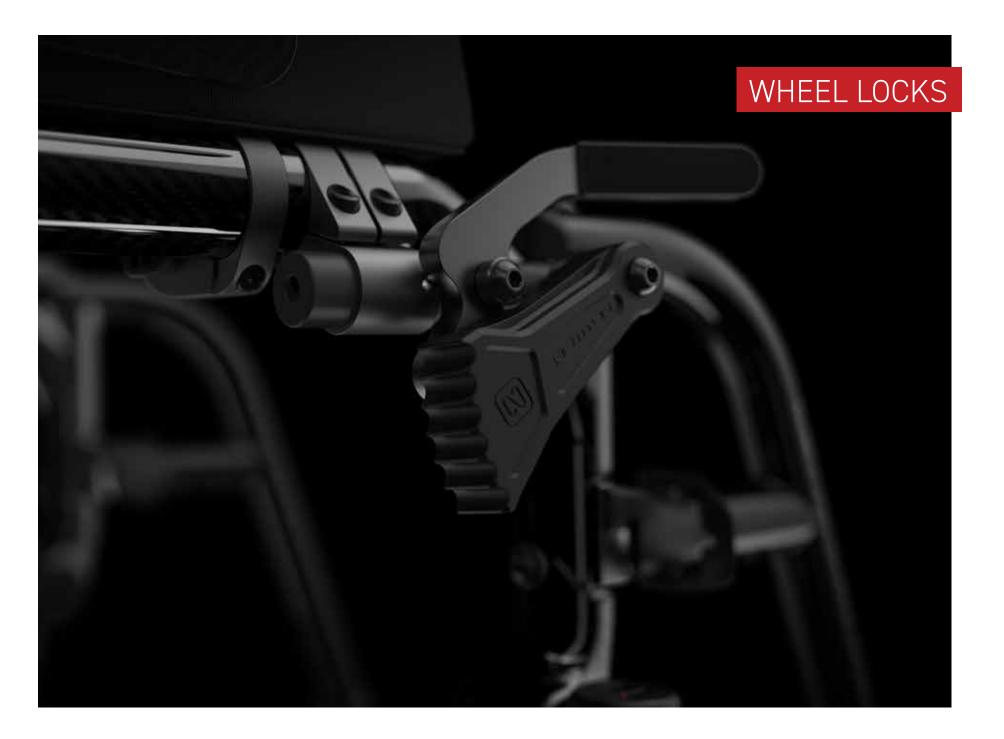


AX02 ↑ Permanent axle

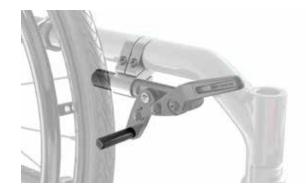




AX04 ↑ Amputee adjustable axle plate



18 AXLES WHEEL LOCKS 19



 WL08 ↑ Newton wheel lock – push to lock



WL02 1 Pull to lock



 WL04 ↑ Newton grade aid push to lock (suggested with pneumatic or high pressure tire)



WL13 ↑ 6" removable extension handle for graid-aid and pull to lock

WL05 1

Scissor lock



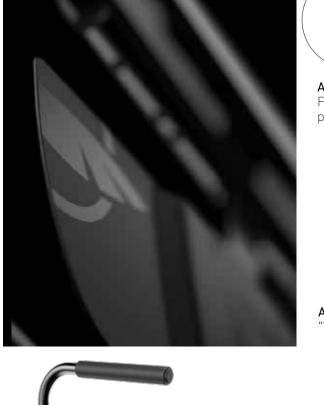
6" removable extension handle for Newton push to lock



WL06 1 Attendant lock (additional set of wheel lock mounted to the back)



WL15 🔨 Unilateral wheel lock – pull to lock



Swing-away armrest with tubular arm pad

ARMRESTS

Flip back armrest shown with 14" full length arm



"T" armrest shown with 14" full length arm pad



"T" armrest shown with 14" full length arm pad



AR14-610 1 "T" armrest with 14" full length arm pad (6" - 10")

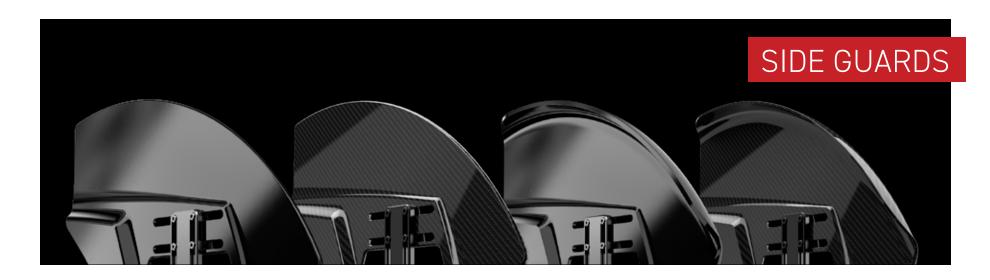


Swing-away armrest with 10" desk length arm pad



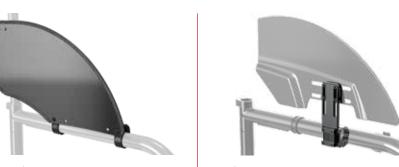
Locking flip-up armrest

^{*} Most of these armrests are available with the 10" desk length arm pad and with 14" full length arm pad. Please check the availability table on page 30.





SG01 ↑ Plastic side guards (removable)



Carbon fiber side guards (fixed)



SG03 ↑ Carbon fiber side guards (removable)

Plastic fender side guards straight bracket (removable)



SG06 ↑ Plastic fender side guards (removable)



Plastic fender side guards offset bracket (removable)



SG04 ↑ Carbon fiber fender side guards (removable)





SG07 ↑ Side guard clip





Velcro adjustable



SB02 ↑ Auto buckle



SB05 ↑ BodyPoint Hip Belt – 2 point padded



SB06 ↑ BodyPoint Hip Belt – 4 point padded



SB08 ↑
BodyPoint EVOFLEX® Positioning Belt Rehab latch and Band Clamps

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AC06 ↑ Cane carrier



AC07 ↑
Oxygen tank holder – D & E type (left)



AC08 ↑ Spoke guards (pair)



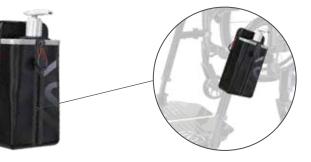
AC09 ↑
Footrest neoprene impact guard (pair) shown in red



AC10 ↑ Seat pouch



M AC30 ↑ Newton Multi purpose pouch





AC26 ↑ BodyPoint mobility bag



M AC23 ↑ Newton backpack

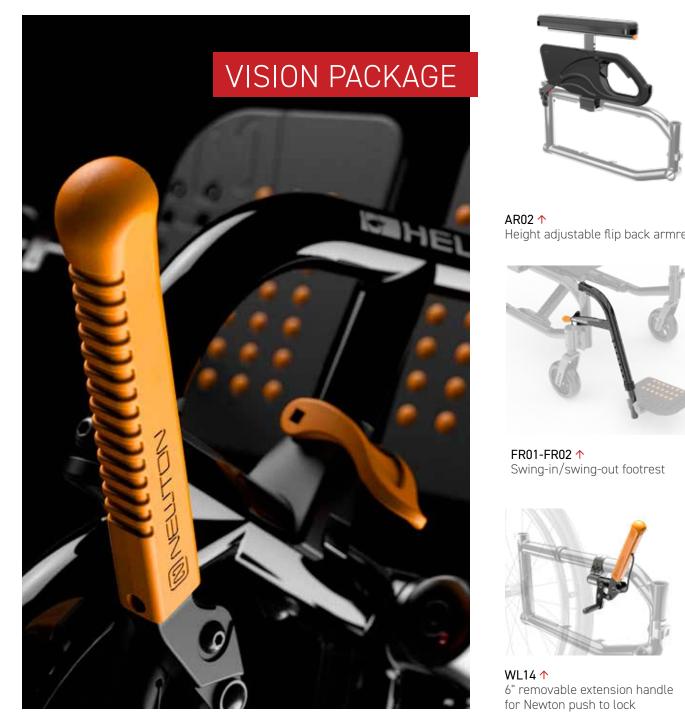


AC13 ↑ Tool kit



AC16 ↑ Motion Composites polo shirt

24 ACCESSORIES ACCESSORIES 25





AR02 ↑ Height adjustable flip back armrest

FR01-FR02 ↑ Swing-in/swing-out footrest



AR14 ↑ Height adjustable "T" armrest, 14" full length arm pad



FR03 ↑ Swing-in/swing-out footrest



FP03 ↑
Newton adjustable angle – Composite



26 VISION PACKAGE

VISION PACKAGE 27





Black or High Gloss Carbon Fiber (if carbon fiber frame)



- *The above frame colors are available for all wheelchair models except the Apex A.
- *Color representation may vary from one monitor/printer to another. Therefore, the actual paint color on your wheelchair might differ slightly from what you see on your screen or your brochure.

Custom color Motion Composites can match any desired color.

ACCENT COLORS

* Available on Apex and Veloce only.



Black

Sunkissed Orange





Fuchsia



Ferrari Red



Acid Green



White

Sky Blue





			APEX	VELOCE	HELIO C2	HELIO A7	HELIO A6	MOVE	HELIO KIDS
CAS	STERS								
	CA01	Composite wheel w/PU tire 3", 4", 5", 6", 7", 8" x 1"							
	CA10	Pneumatic casters 6" x 1½"		•	•			•	•
	CA11	Pneumatic casters 8" x 1½"				•			•
\mathbb{N}	CA14 to CA16	Newton UltraCaster Soft-Roll composite 4", 5", 6" x 1½"		•		•			•
	CA17 to CA19	Newton UltraCaster Soft-Roll aluminum 4", 5", 6" x 1½"	•						
CAS ⁻	TER OPTIONS								
	CA12	Caster pin lock				•	•		•
	CA13	Carbon fiber Frog Legs suspension forks Pase 2		•	•	•	•	-	
F00	TRESTS/FOOTPL	ATES							
Rigio	I wheelchair – Foo	ptrests							
	FP12	Tubular open loop							
	FP13	Tubular with ABS footplate							
	FP31	Adjustable angle - Aluminum (one piece)							
	FP32	Adjustable angle – Carbon fiber with rubber inserts (one piece)							
	FP14	Flip back, adjustable angle – Aluminum (one piece)							
	FP15	Flip back, adjustable angle – Carbon fiber with rubber inserts (one piece)							
	FR25	High mount with adjustable angle footplate – Aluminum (one piece)							
	FR26	High mount with adjustable angle footplate - Carbon fiber with rubber inserts							
		(one piece)							

¹ Not available in USA.

Note: The availability of options and accessories may vary depending on your region. Refer to the order form.

28 FRAME COLORS

			APEX	VELOCE	HELIO C2	HELIO A7	HELIO A6	MOVE	HELIO KIDS
Fold	ing wheelchair –	Footrests							
	FR01, FR02	Swing away footrest							
	FR03 to FR08, FR1	5 Swing-in/swing-out footrest			•	•	•		
	FR09	High mount (footplate attached to the hanger with clamps)							
	FR10	Elevating legrest with calf pad, 14"-22" length adjustable							
	FR27 to FR30	Residual limb support (flat cushion)				•	•		
	FR32, FR33	Residual limb support (contour cushion)			•	•	•		
_									
F001	plates								
	FP01	Standard – Composite			•	•			•
[2]	FP02	Newton adjustable angle – Composite		•	•	•	•	_	-
(3)	FP03	Newton adjustable angle – Aluminum			•	•	•	•	
[3]	FP04	Newton adjustable angle – Carbon fiber with rubber inserts		•	•	•	•		•
(7)	FP23	Newton adjustable angle extra deep – Aluminum							
	FP06, FP07	One piece adjustable angle flip-up – Aluminum, carbon fiber with rubber inserts			•				•
	FP28, FP29	One piece auto-folding adjustable angle – Aluminum, carbon fiber with rubber inser	ts 🔳	•					
F00	TPLATE ACCESS	ORIES							
	FP16	2" riser							
	FP08	Length adjustable heel loop							
	FP09	Calf strap		•			•	•	
	FP30	Bodypoint Aeromesh padded calf strap		-			•		•
BA	CK CANES								
Fixe	d angle back – wi	th integrated fixed height push handles							
	BC58	Straight aluminum back cane					•		
	BC01	8° bend aluminum back cane						-	-
Adju	stable angle back	c – with integrated fixed height push handles							
	BC02	8° bend aluminum back cane							
Fixe	d angle back – fix	ed height without option							
	BC03	Straight carbon fiber back cane		•					
	BC04	8° bend carbon fiber back cane	-	-	-	-	-		

¹ Not available in USA. Note: The availability of options and accessories may vary depending on your region. Refer to the order form. COMPATIBILITY TABLE 31 30 COMPATIBILITY TABLE

Fold down push handles

Clamp on height adjustable push handles

		APEX	VELOCE	HELIO C2	HELIO A7	HELIO A6	MOVE	HELIO KIDS
Fixed angle back	c – height adjustable with options							
BC06	Straight carbon fiber back cane height adjustable		•	•				
BC08	8° bend carbon fiber back cane height adjustable		•					
BC11	Straight aluminum back cane height adjustable					•		
BC12	8° bend aluminum back cane height adjustable	-	-			•	-	=
Adjustable angl	e back – height adjustable with options							
BC13	Adjustable angle, straight aluminum back cane					•		
BC14	Adjustable angle, 8° bend aluminum back cane					•		-
BC09	Angle adjustable, straight carbon fiber back cane							
BC10	Angle adjustable, 8° bend carbon fiber back cane	-	•				-	
Adjustable back	- depth and angle adjustable with options							
BC15	Straight aluminum back cane							
BC16	8° bend aluminum back cane		-					•
Fold down backr	rest							
BC20	Locking backrest	•						
BC21	Ultralight non locking backrest (not locking in upright and down position)	•				-		-
Adiustable angle	e fold down backrest, fixed adjustable without options							
BC22	Straight back canes							
BC30	Fixed height without push handle	•		-				
BACK CANE OPT	TIONS							
Backrest options								
BC57	Standard 3" deep rigidizer bar – Carbon or aluminum							
BC55	4" Deep aluminum rigidizer bar							
BC56	Depth adjustable back (provides 3" of depth adjustment)							
Push handle opt	ions							
PH01	Push handles				•	•		

Strol	ller handle and st	rabilizar bar	APEX	VELOCE	HELIO C2	HELIO A7	HELIO A6	MOVE 1	HELIO KIDS
3000	PH04	Stroller handle (not available with the HD option)							
(3)	PH03	Newton folding stabilizer bar							
	CK UPHOLSTERY								
	BH05	Slip-on Nylon back upholstery							
	BH06	Adjustable tension Nylon back upholstery					•		
	BH03	Slip-on Syntech-Suede back upholstery							
	BH04	Adjustable tension Syntech-Suede back upholstery							
	BH07	Slip-on Active-Mesh back upholstery							
	BH08	Adjustable tension Active-Mesh back upholstery							
ONE	E ARM DRIVE								
	HR22	One arm drive 24"						•	
REA	AR WHEELS								
	RW01	Mag		•			•	•	•
(3)	RW02	Newton One – spoke wheel				•	•		•
(3)	RW03	Newton Gravity – ultralight wheel							
	RW04	Spinergy Spox							
	RW05	Spinergy LX							
	RW07	Spinergy CLX Carbon Blade	•		•	•	•		•
TIR	ES								
	TI01	Soft Urethane 1½"							
	TI02	Soft Urethane Knobby 13/8 "		•			•		
	TI04	Soft Urethane – Shox 1"							
	TI05	Pneumatic 1 ³ / ₈ "				•	•		•
	TI08	Pneumatic with Airless insert 1 ³ / ₈ "		•			•		
	TI06	Pneumatic HP 1"				•	•		•
	TI07	Pneumatic HP – Schwalbe Marathon Plus 1"							

HAI	NDRIMS		APEX	VELOCE	HELIO C2	HELIO A7	HELIO A6	MOVE	HELIO KID
	HR01	Aluminum anodized	•		•	•			
(N)	HR07 to HR18	Newton Air Grip Black, Sunkissed Orange, Burgundy, Sapphire Blue, Monster Green, Charcoal, Fuchsia, Steel Blue, Ferrari Red, Acid Green, Electric Purple, Caribbean Blue, White, Pink Pearl, Plum Purple, Sky Blue, Black Cherry, Khaki Green, Desert Sand	•	•	•	•	•	•	•
	HR02	Plastic coated	•	•					•
	HR03	High friction coated	•					•	•
	HR28	Surge	•		•		•		•
	HR05	Surge LT	•						
	HR04	Natural Fit (shown with optional thumb standard grip HR23)							
	HR61	Black aluminum hard anodized			•				•
ΔXI	HR63 HR64 LES	NOVA H - 1 1/4" oval handrim with high friction strip OPTIMUM H - 1 1/8" heart-shaped handrim	۰						•
	AX01	Quick release axle							
	AX02	Permanent axle	-					-	
	AX03	Quad release axle		•	•		•		
	AX04	Amputee adjustable axle plate			•	•	-	•	•
WH	EEL LOCKS								
(X)	WL08	Newton wheel lock – push to lock							•
	WL02	Pull to lock							•
(X)	WL04	Newton grade aid push to lock							
		(suggested with pneumatic or high pressure tire)	•	•	•	•	•	•	•
	WL13	6" removable extension handle for graid-aid and pull to lock			•			•	
	WL14	6" removable extension handle for Newton push to lock		-	•	•	•	-	
	WL05	Scissor Lock	•						
	WL06	Attendant Lock (additional set of wheel lock mounted to the back)							

32 COMPATIBILITY TABLE 33

ARMRESTS

¹ Not available in USA. ² Not available in Canada. Note: The availability of options and accessories may vary depending on your region. Refer to the order form.

		APEX	VELOCE	HELIO C2	HELIO A7	HELIO A6	MOVE 1	HELIO KIDS
AR01	Height adjustable flip back armrest (convertible to "T" armrest)							
	10" desk lenght arm pad							
AR02	Height adjustable flip back armrest (convertible to "T" armrest)					2		
	14" full length arm pad							
AR03/AR13	Height adjustable "T" armrest, 10" desk length arm pad		•			2	•	
AR04/AR14	Height adjustable "T" armrest, 14" full length arm pad	•	•	•	•	_	•	
AR05	Height adjustable swing-away armrest, tubular arm pad		•	•		•		
AR06	Height adjustable swing-away armrest, 10" desk length arm pad	•						
AR07	Locking flip-up armrest							
AR12	14" full length armrest gel pad	-	•	•	•	•	•	
E GUARDS								
SG01	Plastic side guards (removable)		•	•		•		
SG02	Carbon fiber side guards (fixed)		•	•	•	•		
SG03	Carbon fiber side guards (removable)	•	•	•				
SG06	Plastic fender side guards (removable)	•						
SG04	Carbon fiber fender side guards (removable)							
SG07	Side guards clip	•	-	•			-	
ITIONING BEL	TS							
SB01	Velcro adjustable							
SB02	Auto buckle							
SB04	Bodypoint Hip Belt – 2 point not padded			•		2	•	•
SB05	BodyPoint Hip Belt – 2 point padded							
SB06	BodyPoint Hip Belt – 4 point padded					2	•	
SB08	BodyPoint EVOFLEX® Positioning Belt Rehab latch and Band Clamps	•	-	•	•		•	
ADRESTS								
AC01	Profiled headrest	•		•			-	
AC28	Headrest mounting hardware with stabilizer bar	•	•	•	•	•	•	•
ESSORIES								
AC03	Anti tippers	•		•			•	

¹ Not available in USA. ² Not avail	able in Canada. Note: The availabilit	ty of options and accessories may var	ry depending on your regior	n. Refer to the order form

		APEX	VELOCE	HELIO C2	HELIO AZ	HELIO A6	MOVE	HELIO KIDS
AC29	Swing away anti-tipper	APEA	VELOCE			HELIU AO	MOVE	HITTIO KIDS
AC27	Tip assist							•
AC04	Transit tie down (unoccupied)							
AC05	WC-19 transit tie down w/Q'straint belt			•				•
AC06	Cane carrier							
AC07	Oxygen tank holder – D & E type (left)				•	•		
AC08	Spoke guards (pair)							
AC09	Footrest neoprene impact guard (pair) - Available with various APEX A color frames	S =						
AC10	Seat pouch							
AC30	Newton sanitizing multi-purpose pouch		•		•	•	•	•
AC26	BodyPoint mobility bag							
AC12	Velcro closing strap				•	•		
VISION PACKAGE VP01	Vision package							
FC01	Black or carbon fiber black (if carbon fiber frame)							
FC03	Sunkissed Orange, Burgundy, Sapphire Blue, Monster Green, Charcoal, Fuchsia, Steel Blue, Ferrari Red, Acid Green, Electric Purple, Caribbean Blue, White, Pink Pearl, Plum Purple, Sky Blue, Black Cherry, Khaki Green, Desert Sand (not available on Apex A)	•	•	•	•	•	•	•
FC10	Highlight color Ferrari Red		•					
FC11	Highlight color White				-		-	
FC12	Highlight color Black							
FC13	Highlight color Sunkissed Orange				-	-	-	
FC14	Highlight color Sky Blue		•					
FC15	Highlight color Fuchsia			-	-	-		

Highlight color Acid Green

Custom color

34 COMPATIBILITY TABLE 35

FC16 FC99

Not available in USA. 2 Not available in Canada. Note: The availability of options and accessories may vary depending on your region. Refer to the order form.